

Appendix 2

Top five models for wetland use intensity and wetland selection by GPS-tagged Greater White-fronted Geese in Mexico during winters 2016–2018.

Table A2.1. Top five linear mixed-effects models ranked by Akaike's Information Criterion (AIC), differences in AIC from the top model (Δ AIC), model degrees of freedom (df), model weight (w_i), and marginal coefficient of determination (R^2_M) of factors influencing wetland use by Greater White-fronted Geese (*Anser albifrons frontalis*) in Mexico during winters 2016–2018.

Rank	Model	AIC	Δ AIC	df	w_i	R^2_M
1	Size + Habitat + Dist_Ag + Dist_Wetland + Dist_Wetland ² + Dist_Ag*Habitat	1076.75	-	13	0.59	0.27
2	Size + Habitat + Dist_Ag + Dist_Wetland + Dist_Ag*Habitat	1078.74	1.99	12	0.22	0.24
3	Size + Size ² + Habitat + Dist_Ag + Dist_Ag ² + Dist_Wetland + Dist_Wetland ² + Dist_Ag*Habitat	1079.96	3.21	15	0.12	0.27
4	Size + Habitat + Dist_Ag + Dist_Wetland + Size*Dist_Wetland	1082.45	5.70	10	0.03	0.18
5	Size + Dist_Ag	1083.02	6.27	5	0.03	0.08

Table A2.2. Top five conditional logistic regression models ranked by Akaike's Information Criterion (AIC), differences in AIC from the top model (Δ AIC), and model degrees of freedom (df), factors influencing wetland selection by Greater White-fronted Geese (*Anser albifrons frontalis*) in Mexico during winters 2016–2018.

Rank	Model	AIC	Δ AIC	df
1	Habitat*Size	1099.9	0	7
2	Habitat*Size ²	1100.6	0.7	8
3	Habitat*Size + Wetland Area + Ag. Area	1103.8	3.9	9
4	Size ²	1106.7	6.8	2
5	Habitat*Wetland Area + Size + Ag. Area	1107.2	7.3	9